

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-14 (canceled).

Claim 15 (currently amended): A mobile-type display apparatus serving as a client device of an external host apparatus, the mobile display apparatus comprising:

a display section;

a voice output section;

a text code input section ~~for receiving~~ arranged to receive an input text code from the external host apparatus;

a display control section ~~for displaying~~ arranged to display in the display section text corresponding to the input text code ~~in the display section~~; and

a voice output control section ~~for outputting~~ arranged to output voice sounds corresponding to the input text code through the voice output section; wherein

~~the voice input text code input~~ section outputs the input text code to the display control section and the voice output control section ~~so as to display in the display section~~ the text corresponding to the input text code ~~in the display section~~, and to output the voice sounds corresponding to the input text code through the voice output section.

Claim 16 (currently amended): The mobile display apparatus as set forth in claim 15, further comprising:

a video signal input section ~~for receiving~~ arranged to receive an input video signal from the external host apparatus; wherein:

the display control section displays in the display section both an image based on the input video signal supplied to the video signal input section; and ~~displays~~ the text corresponding to the input text code so that the text is superimposed on the image.

Claim 17 (currently amended): The mobile display apparatus as set forth in claim 16, wherein:

the display section has a plurality of scanning lines arranged in line a row and a plurality of signal lines arranged in line a column and respectively intersecting with the scanning lines; ~~and~~

the display control section includes;

a ~~(i)~~ scanning line drive circuit which serves as a display section drive circuit ~~for driving that is arranged to drive~~ the display section by sequentially supplying scanning signals to the scanning lines; and

a ~~(ii)~~ signal line drive circuit ~~for supplying~~ arranged to supply video signals to the signal lines, the scanning signal line drive circuit ~~including being constituted of~~ a first signal line drive circuit ~~for receiving that is arranged to receive~~ the video signal from the video signal input section and a second signal line drive circuit ~~for receiving that is arranged to receive~~ a video signal ~~for displaying corresponding to~~ the text corresponding to the input text code; ~~and~~

the first signal line drive circuit and the second signal line drive circuit ~~sharing share~~ the signal lines.

Claim 18 (currently amended): The mobile display apparatus as set forth in claim 15, wherein:

the display section ~~is constituted of~~ includes a display element ~~drivable driven~~ by a thin film element; ~~and~~

the ~~input~~ text code input section, the display control section, and the voice output control section are either directly ~~formed~~ provided on a thin film substrate on which a pixel

driving circuit element of the display element is ~~formed provided~~, or ~~are constituted of~~ include active elements ~~formed provided~~ on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 19 (currently amended): The mobile display apparatus as set forth in claim 16, wherein:

the display section ~~includes~~ ~~is constituted of~~ a display element ~~drivable~~ driven by a thin film element; and

~~the input~~ text code input section, the video signal input section, the display control section, and the voice output control section are either directly ~~formed provided~~ on a thin film substrate on which a pixel driving circuit element of the display element is ~~formed provided~~, or ~~are constituted of~~ include active elements ~~formed provided~~ on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 20 (currently amended): A mobile display apparatus serving as a client device of an external host apparatus, the mobile display apparatus comprising:

a display section;

a voice output section;

a video signal input section ~~for receiving~~ arranged to receive an input video signal from the external host apparatus;

a display control section ~~for displaying~~ arranged to display in the display section an image based on the input video signal ~~in the display section~~;

a text recognizing section ~~for extracting~~ arranged to extract a text portion from the input video signal and ~~converting~~ convert the text portion into a text code; and

a voice output control section ~~for outputting~~ arranged to output voice sounds corresponding to the text code through the voice output section; ~~wherein~~

the video signal input section outputs the input video signal supplied from the external

host apparatus to the display control section and the text recognizing section;² and

the text recognizing section converts a text portion of the input video signal supplied from the video signal input section into a text code and outputs the text code to the voice output control section; so that an image corresponding to the input video signal is displayed in the display section, and the voice sounds corresponding to the text code, ~~which is included in the input video signal and is recognized by the text recognizing section, is~~ are outputted from the voice output section.

Claim 21 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~includes is constituted of~~ a display element ~~drivable~~ driven by a thin film element;² and

the video signal input section, the display control section, the text recognizing section, and the voice output control section are either directly ~~formed~~ provided on a thin film substrate on which a pixel driving circuit element of the display element is ~~formed~~ provided, or ~~include are constituted of~~ active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 22 (currently amended): The mobile display apparatus as set forth in claim 18, wherein:

the voice output section ~~includes is constituted of~~ a sound source element which is layered on the display element ~~constituting of~~ the display section within a flat region of the display element;² and

a sound source element ~~generating~~ generates voice sounds by vibrating the display element.

Claim 23 (currently amended): The mobile display apparatus as set forth in claim 22,

wherein:

the sound source element is driven by a sound source element drive section which is either directly ~~formed~~ provided on the thin film substrate, or ~~includes~~ is constituted of active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 24 (previously presented): The mobile display apparatus as set forth in claim 18, wherein:

the thin film substrate includes a thin film layer including a polycrystal silicon thin film.

Claim 25 (previously presented): The mobile display apparatus as set forth in claim 18, wherein:

the thin film substrate includes a thin film layer including a continuous grain boundary crystal silicon thin film.

Claim 26 (currently amended): The mobile display apparatus as set forth in claim 18, wherein:

the another substrate ~~having~~ including the active elements has a hydrogen ion injection section; and

the hydrogen ion injection section ~~being~~ is adhered to the thin film substrate ~~and heated to be cured so as to combine said another substrate with the thin film substrate.~~

Claim 27 (currently amended): The mobile display apparatus as set forth in claim 15, wherein:

the display section ~~performs display by~~ is a liquid crystal display.

Claim 28 (currently amended): The mobile display apparatus as set forth in claim 15,

wherein:

the display section ~~performs display by~~ includes an EL layer.

Claim 29 (currently amended): The mobile display apparatus as set forth in claim 21,
wherein:

the voice output section ~~includes is constituted of~~ a sound source element which is layered on the display element ~~constituting of~~ the display section within a flat region of the display element; and

a sound source element generating generates voice sounds by vibrating the display element.

Claim 30 (currently amended): The mobile display apparatus as set forth in claim 29,
wherein:

the sound source element is driven by a sound source element drive section which is either directly ~~formed~~ provided on the thin film substrate, or ~~includes is constituted of~~ active elements ~~formed~~ provided on another substrate which is ~~to be~~ bonded to the thin film substrate.

Claim 31 (previously presented): The mobile display apparatus as set forth in claim 21,
wherein:

the thin film substrate includes a thin film layer including a polycrystal silicon thin film.

Claim 32 (previously presented): The mobile display apparatus as set forth in claim 21,
wherein:

the thin film substrate includes a thin film layer including a continuous grain boundary crystal silicon thin film.

Claim 33 (currently amended): The mobile display apparatus as set forth in claim 21, wherein:

the another substrate ~~having~~ including the active elements has a hydrogen ion injection section; and

the hydrogen ion injection section ~~being~~ is adhered to the thin film substrate ~~and heated to be cured so as to combine said another substrate with the thin film substrate.~~

Claim 34 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~performs display by~~ is a liquid crystal display.

Claim 35 (currently amended): The mobile display apparatus as set forth in claim 20, wherein:

the display section ~~performs display by~~ includes an EL layer.